

Table . Physical characteristics of Tranquil Lake.

<u>Lake area</u>	1.4 ha	(3.5 acres)	<u>Lake elevation</u>	28 m
<u>Lake volume</u>	2.94 x 10 <sup>4</sup> m <sup>3</sup>	(23.9 acre-feet)		
<u>Maximum depth</u>	7.5 m		<u>Mean depth</u>	2.1 m
<u>Shoreline length</u>	740 m		<u>Shoreline development</u>	1.74
<u>Watershed area</u>	14 ha		<u>Volume development</u>	0.82
<u>Ratio of lake area to watershed area</u>	1:10			
<u>Littoral development (area &lt;10 m)</u>	100%			
<u>Basin slope</u>	(0-5 m) 11.6%,	(5-7.5 m) 19.9%		
<u>Mean annual outlet flow</u>	0.02 m <sup>3</sup> /s		<u>Mean annual precipitation</u>	560 cm
<u>Theoretical water residence time</u>	0.05 years			

<u>Depth strata</u> (m)	<u>Area of strata</u> <u>as a percentage</u> <u>of total area</u>	<u>Volume of strata</u> <u>as a percentage</u> <u>of total area</u>
0-1	43.2	37.7
1-2	22.9	21.8
2-3	11.0	13.7
3-4	5.4	9.8
4-5	4.6	7.4
5-6	3.4	5.4
6-7	3.7	3.7
7-7.5	5.8	0.5